

Work Order ID 51966

September 10, 2009 3:02:38 PM



Page 1

Item ID: D350-636-107B

Accept



Setup Start



Revision ID: A

Stop



Item Name: Aft Cable Guard Installation

Start Date: 9/14/09 Start Qty: 4.00



Cust Item ID:

Required Date: 9/24/09 Req'd Qty: 4.00

Customer:

Reference:

Approvals: Process Plan:

PL

Date: 09-9-10 Tooling:

Date:

Run Start



QC:

Date: SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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DSI 9457

A

100

0.00



DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP D350-636-107B/ DSI9457
CHG001

N/A

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

9/9/30 (4) sf

120

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

2809/11/19

(xy)

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Page 2

Item ID: D350-636-107B

Accept



Setup Start



Revision ID: A

Stop



Item Name: Aft Cable Guard Installation

Start Date: 9/14/09 Start Qty: 4.00



Cust Item ID:

Required Date: 9/24/09 Req'd Qty: 4.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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130

0.00



Packaging

Memo

0.00

Identify and pack for shipping as per PPP D3550-636-107B/ DSI9457

Location: _____

PPP rev: _____

PP 51964

9/11/19 (42) SF

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

09/11/19

PR 09-11-19

Picklist Print

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Page 1

Work Order ID: 51966

Parent Item: D350-636-107BRevA

Parent Item Name: Aft Cable Guard Installation

Start Date: 9/14/09

Required Date: 9/24/09

Comments:

Start Qty: 4.00

Required Qty: 4.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3927-3RevA Guard		Manufactured	No				Each	0.0000	4.0000	3	5/9/08	SP
BLBS-020 Pip Pin		Purchased	No			110	Each	10.0000	4.0000		9/4/30	SP

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

10

105000

10

10500 SP

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-636 REV. F OR EARLIER

REF. FAA STC: SR00646SE

REF. TCCA STC: SH99-7

REF. CAA AIRWORTHINESS APPROVAL NOTE: 28081, 28082

The D350-636-107 Cable Guard kit may be installed on D350-636-011/-013 Skidtube installations during hoisting operations to prevent damage to the cable and skidtube. The D350-636-107 Cable Guard Kit consists of the D350-636-107A Forward Cable Guard and the D350-636-107B Aft Cable Guard Kits. The D350-636-107A/-107B kits may be installed separately or in combination. See Figure 1 Sheet 2 for details.

The D350-636-107A Fwd Cable Guard Kit may be installed as follows:

- 1) Remove the forward 2x 350A41-1027-20 bolts (with OEM crosstubes installed) or 2x AN4-41A bolts and D3501-1 bushings (with Dart crosstubes installed) holding the forward LH saddle in place.
- 2) Insert the bolts or bolts and bushings through the holes provided in the D3928-1 bracket and reinstall per Aircraft Maintenance Manual or relevant STC.
- 3) Remove the aft 2x 350A41-1027-20 bolts (with OEM crosstubes installed) or 2x AN4-41A bolts and D3501-1 bushings (with Dart crosstubes installed) holding the forward LH saddle in place.
- 4) Insert the bolts or bolts and bushings through the holes provided in the D3928-1 bracket and reinstall per Aircraft Maintenance Manual or relevant STC.
- 5) Position the D3927-1 forward cable guard between the tangs of the D3928-1 bracket centered over the crosstube saddle and against the skidtube. Transfer drill 2x $\varnothing 0.257$ holes from the D3928-1 bracket to the D3927-1 forward cable guard. Remove D3927-1 forward cable guard and deburr holes.
- 6) Install the D3927-1 forward cable guard into the brackets using the hardware as shown in Figure 2 Sheet 3.

The D350-636-107B Aft cable guard kit may be installed as follows:

- 1) Slide the D3927-3 aft cable guard over the outboard ground handling lugs on the LH skidtube.
- 2) Insert the BLBS-020 pip pin into the hole at the aft end of the D3927-3 cable guard to secure it in place. See Figure 3 Sheet 4 for details.

WEIGHT AND BALANCE

Installation	Weight	Lateral		Longitudinal	
		Arm	Moment	Arm	Moment
D350-636-107 Cable Guard Kit	1.80 lb 0.82 kg	42.79 in 1.09 m	77.02 in-lb 0.89 m-k-g	112.97 in 2.87 m	203.35 in-lb 2.35 m-k-g
D350-636-107A Fwd Cable Guard	0.95 lb 0.43 kg	42.89 in 1.09 m	40.75 in-lb 0.47 m-k-g	106.29 in 2.70 m	100.98 in-lb 1.16 m-k-g
D350-636-107B Aft Cable Guard	0.85 lb 0.39 kg	42.19 in 1.07 m	35.86 in-lb 0.42 m-k-g	137.48 in 3.49 m	116.86 in-lb 1.36 m-k-g

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NO 51966

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DESIGN	AS	DART AEROSPACE USA, INC. PORT HADLOCK, WA
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PARTS LIST

QTY. -107	QTY. -107A	QTY. -107B	PART NUMBER	DESCRIPTION
X		✓	D350-636-107	CABLE GUARD KIT
1	X		D350-636-107A	FORWARD CABLE GUARD KIT
1		X	D350-636-107B	AFT CABLE GUARD KIT
	1		D3927-1	FORWARD CABLE GUARD
		1	D3927-3	AFT CABLE GUARD
	2		D3928-1	BRACKET
	2		AN4-14A	BOLT
		1	BLBS-020	PIP PIN
	2		MS21042L4	NUT
	4		NAS1149D0463J	WASHER

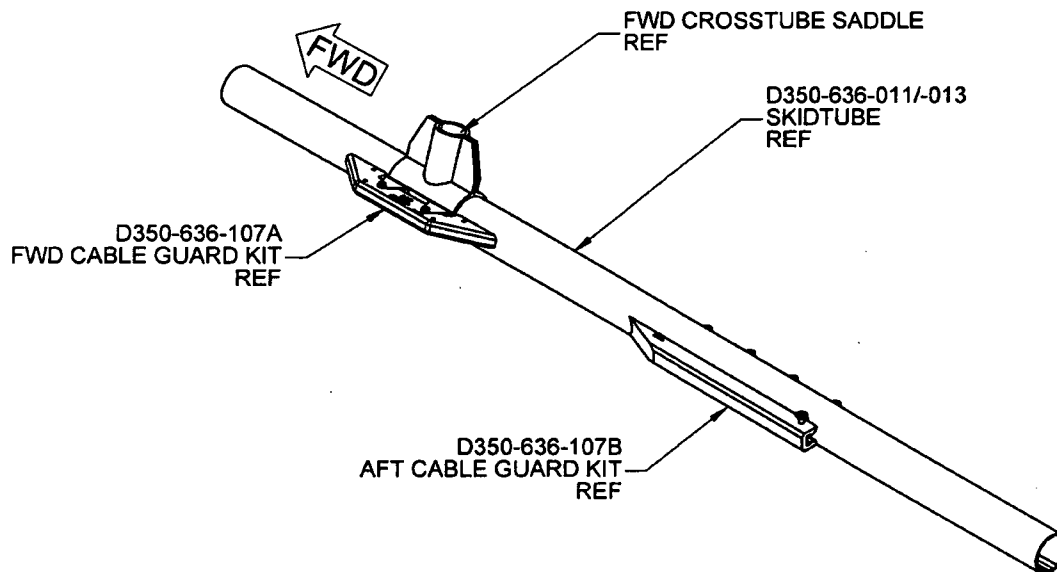


FIGURE 1: D350-636-107 CABLE GUARD KIT

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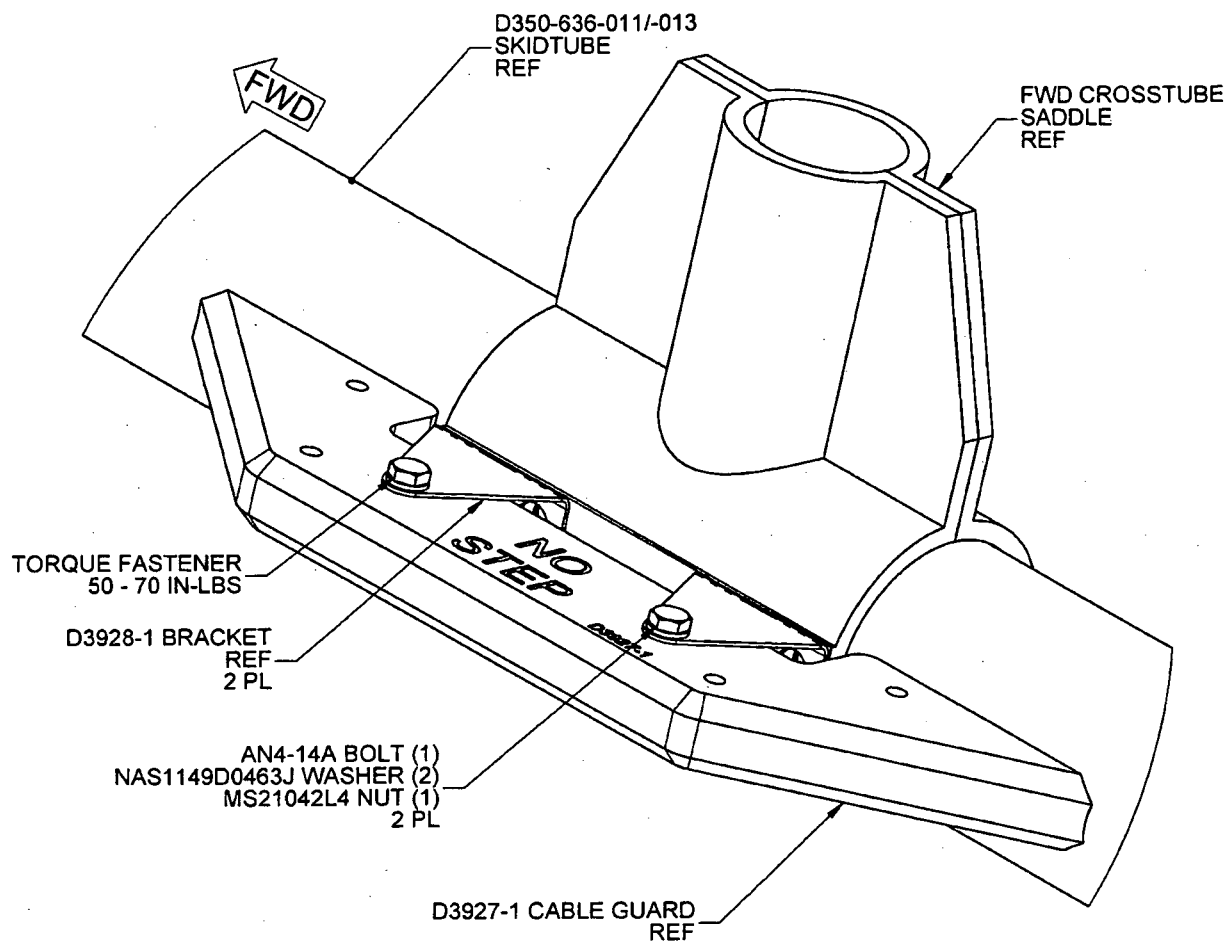


FIGURE 2: D350-636-107A FWD CABLE GUARD KIT
ATTACH BOLTS NOT SHOWN FOR CLARITY

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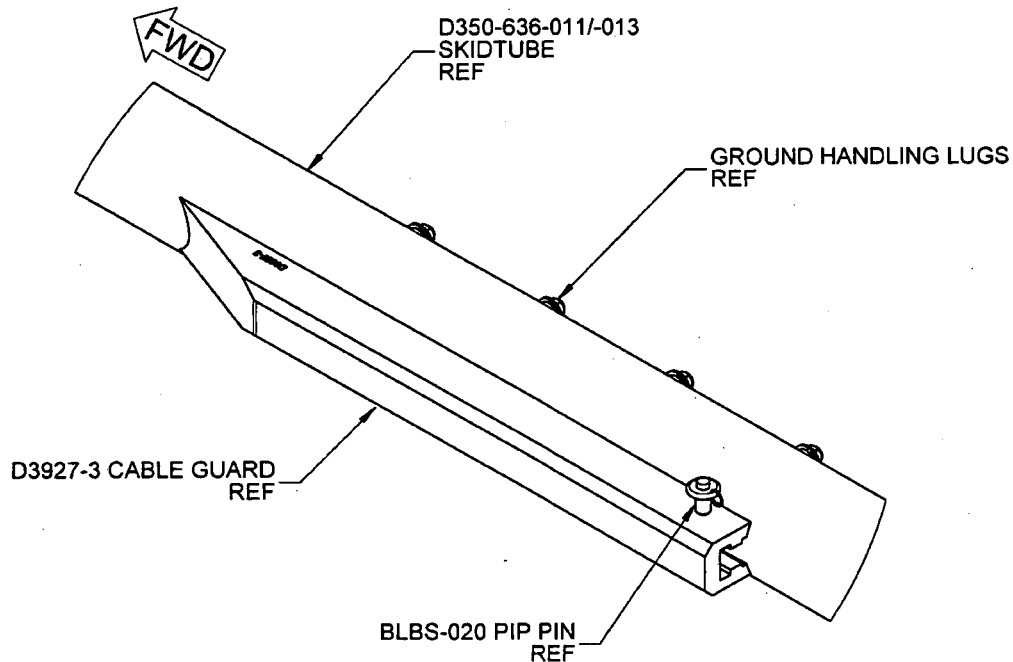


FIGURE 3: D350-636-107B AFT CABLE GUARD KIT

NOTE:
IT IS NECESSARY TO REMOVE THE D3927-3 CABLE GUARD IN ORDER TO MOVE
THE AIRCRAFT ON THE GROUND USING THE GROUND HANDLING LUGS

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CHECKED	<i>PH</i>	DRAWING NO.	REV. A
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